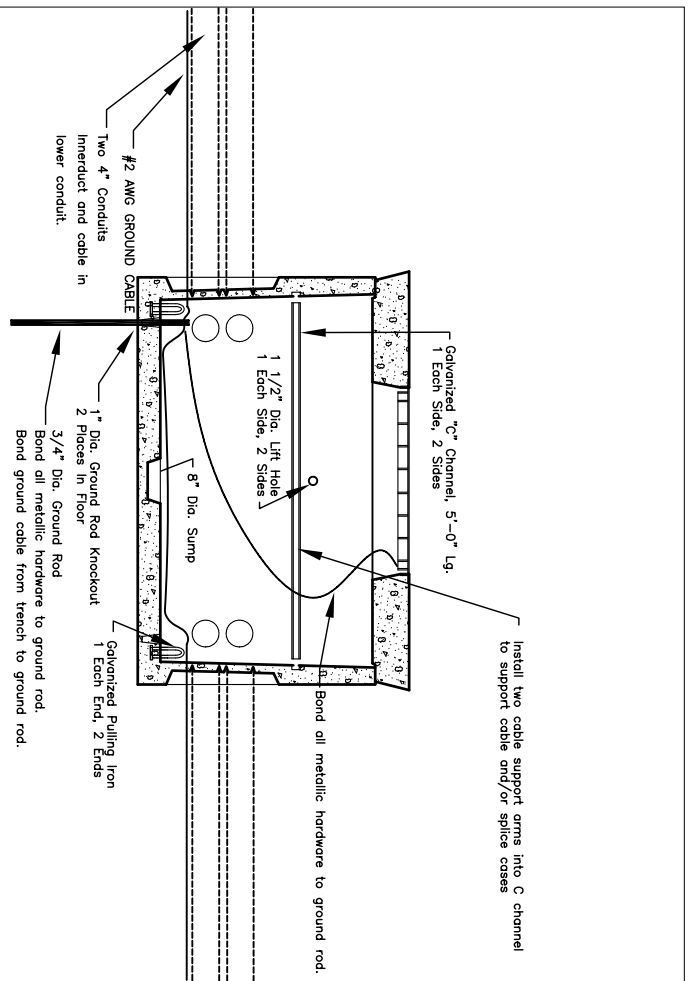
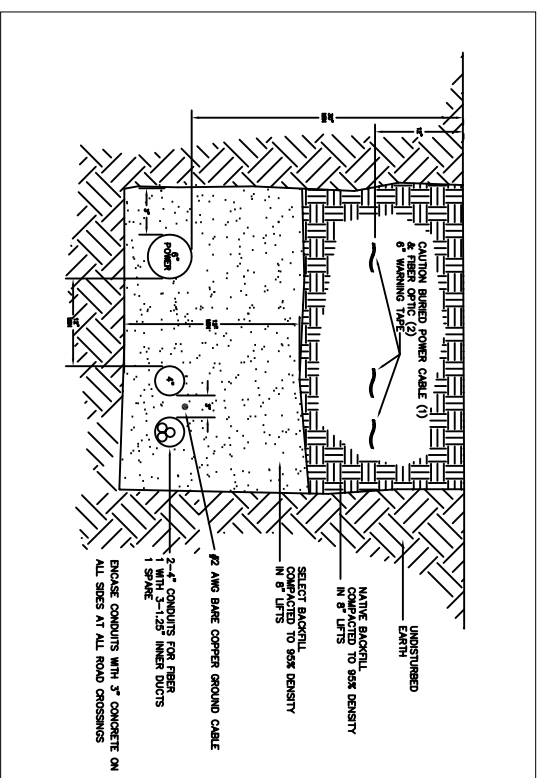


FIBER OPTIC VAULT (TYP.)
644-LA
NTS



FIBER OPTIC VAULT (TYP.)
644-LA
NTS



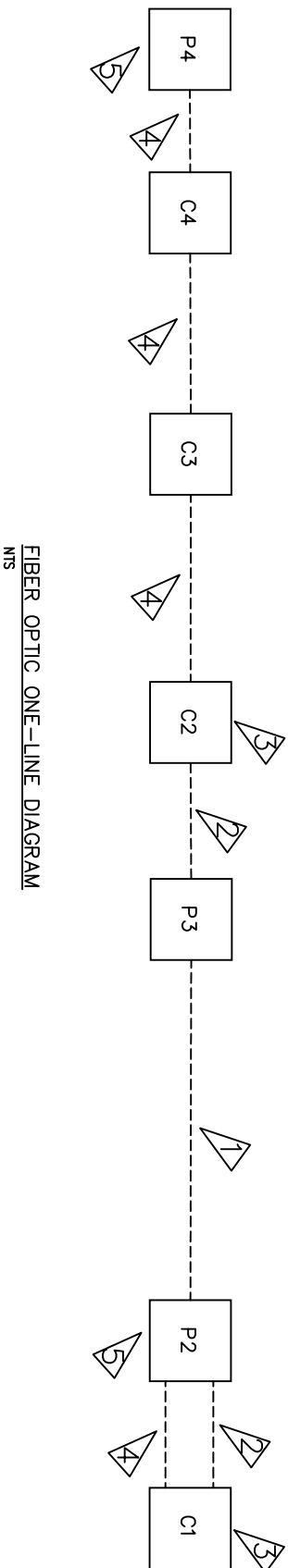
JOINT TRENCH DETAIL
NTS

GENERAL NOTES

1. REFER TO SHEET EHI03 FOR LOCATIONS OF VAULTS AND CONDUIT.
2. MAINTAIN 12" SEPARATION BETWEEN POWER CONDUITS AND FIBER OPTIC CONDUITS IN PARALLEL RUNS.
3. MAINTAIN 12" DEPTH SEPARATION AT ALL POINTS WHERE FIBER OPTIC CONDUITS CROSS POWER CONDUITS.
4. IN EACH FIBER OPTIC VAULT, BOND VAULT LID, CABLE RACKING, AND ALL OTHER METALLIC HARDWARE TO THE GROUND ROD.

FLAG NOTES

- 1 MARINE POWER CABLE WITH 60 STRANDS SINGLEMODE FIBER
- 2 60 STRANDS SINGLEMODE FIBER SEPARATED FROM MARINE POWER CABLE, EXTENDED TO SPLICE CASE IN COMMUNICATIONS VAULT.
- 3 FIBER OPTIC SPLICE CASE IN COMMUNICATIONS VAULT. FUSION SPLICE 12 STRANDS OF THE MARINE CABLE FIBER TO A 12-STRAND SYSTMAX TERASPEED CABLE. 48 STRANDS OF THE MARINE CABLE FIBER SHALL REMAIN UNTERMINATED IN THE SPLICE CASE FOR FUTURE USE BY THE OWNER. TEST FIBER PER SECTION 16741.
- 4 INSTALL 12-STRAND SYSTMAX TERASPEED SINGLEMODE FIBER OPTIC CABLE IN 1.25-INCH INNERDUCT IN CONDUIT.
- 5 TERMINATE 12-STRAND SYSTMAX TERASPEED SINGLEMODE FIBER OPTIC CABLE INTO SYSTMAX 600B FIBER OPTIC PATCH PANEL. INSTALL 600B PATCH PANEL INTO POWER CONTROL SYSTEM EQUIPMENT RACK. COORDINATE EXACT LOCATION WITH POWER CONTROL SYSTEM CONTRACTOR. TEST FIBER PER SECTION 16741.



THIS DRAWING HAS BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION OBTAINED BY OTHER ENGINEERS, SURVEYORS AND FIELD WORK BY D. HITTLE & ASSOC., INC. (DHA). FIELD CONDITIONS MAY CHANGE DUE TO FACTORS BEYOND THE CONTROL OF DHA, AS A CONDITION OF USE. ANYONE USING THESE DRAWINGS THAT FINDS A DISCREPANCY FROM ACTUAL CONDITIONS IS TO IMMEDIATELY FORWARD SUCH INFORMATION TO DHA FOR INCORPORATION INTO THE NEXT REVISION OF THE DRAWINGS.

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			MICC MARINE CABLE								
			REPLACEMENT 04-308								
			CONSTRUCTION DOCUMENTS								
			FIBER OPTIC DETAILS								
REV	REVISION DESCRIPTION	DATE	DWN BY:	GJT	CHK BY:	JEC	DATE:	SHEET:	TC:103	DWG:	0
1	Grounding Instructions	6/23/04					06/25/04				